

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 9/13/2018

Water Supplier

Supplier Name: City of Santa Monica

Supplier Participants: Ralph Valencia (Water Wastewater Administrator), Ivo Nkwenji (IT), Stuart Jose (Public Works)

Key Audit Metrics

Data Validity Score: 65

ILI: -0.77

Real Loss: -12.6 gal / conn / day

Apparent Loss: 7.2 gal / conn / day

Non-Revenue Water as Percent of Cost of Operating System: 1.2%

Validator

Validator: Kris Williams,
Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from the AWWA California Nevada Section

Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name: Santa Monica

Water Supplier Public Water System ID: 1910146

Water Audit Period: Calendar 2017

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

- Assign SCADA analyst to review the source water electronic data collection to correct any errors which may occur such as flowmeter data collection and data transfer.
- Testing of all new billing meters before being placed in service.
- Tracking of water losses due to main breaks utilizing our computer maintenance management system (CMMS).

Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print): Alex Nazarchuk

Executive Position: Interim Water Resources Manager

Signature:

Date: 10/1/2018